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Washington, D.C. 20535

Dear Mr. Evans:

Documentation and Sample Job Control Language for Various Load Modules

Enclosed is documentation and sample Job Control Language (JCL) for some of the load modules in the GIM load library. Using the list that you sent us, we determined what modules are obsolete, what ones are utility programs (independent of the GIM software), and so forth. The following paragraph briefly summarizes the purpose of each of these programs and their current status. Documentation and sample JCL has been supplied only for those modules that are not obsolete and that can be used by your installation as an independent utility. Please remember that the JCL is a Sample and except for DD names, should be checked and modified for your system specifications.

ANALZE is a PL/I program that prepares a file for use by the PL/I programs RPTA, RPTB, RPTC, RPTD, RPTE, and RPTF. The result of executing this stream is a series of reports which analyze the GIM software from different aspects. Illustration 1 is sample JCL and documentation for these modules.

ASMBLR A is an alias for the GIM assembler, GMA2, which also resides in the load library.

The Communication Access Method (CAM) modules (CAMCOMMN, CAMDD, CAMHETRA, CAMNET, CAMTI) are the terminal support routines for the GIM-II system. These programs are essential to the software and are not utility routines.

The following modules were written by TRW. We are not using them at present; CARDCOPY, PDSPTPCH, SYSREPRO, TPPRINT.

CATALOG A is an alias for LOCATEX which also resides in the load library. This routine is used by the CATALOG-LOCATE option of the GIM-II system and is not a utility.

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EXEC2 is the current executive controller of the GIM-II Software. EXEC0 was a test executive and is obsolete.

GAS, GIMS Accounting System, is an assembly language program which we are discontinuing. SMFGIMRP is the reporting part of this project.

GIMANAL is a PL/I program that analyzes a GIM data base. Illustration 2 is sample JCL and detailed documentation for this module.

GIMPUNCH is a PL/I program that punches transactions off of a GIM history tape. Illustration 3 is sample JCL and documentation for this module.

GIMRSTOR is a PL/I program that restores a GIM data base from a GIM ddump physical tape. Illustration 4 is sample JCL and documentation for this module.

PPSLIST is a PL/I program that prints a cross reference listing of all the modules used by the GIM-II software. Illustration 5 is sample JCL and documentation for this module.

SYSCHOP is an obsolete program.

VTOCLIST is an in-house utility program that prints a table of contents and track allocation map for a disk pack. The output is self-explanatory. Sample JCL is included as illustration 6.

Sincerely yours,

STATINTL

GIMS Division Central Intelligence Agency

## ILLUSTRATION 1 Approved For Release 2001/05/23 : CIA-RDP84-00933R000300120010-7

```
//ANALYZ JCB
            JOB-CARD-ACCOUNT IN G- IN FURMATION
1/**
//**FIRST FREGRAM FOR RUNNING THE ANALYSIS SERIES
1/**
// EXEC PGM=IFBPTPCH,PEGION=124K
//SYSPRINT DO SYSOUT=A
//SYSUT1 DE DISP=SHR, DSN=GIM2.SQURCE,
       DCB=(RECEM=FB,BLKSIZE=3520,LRECL=80)
//SYSUT2_DD UNIT=SYSDA, DISP=(NEN, PASS), DSN=8&HITHERE,
// SPACE=(CYL, (98,9)), DCB=(RECEM=F, BLKSIZE=81)
//SYSIN DD *
PUNCE TYPICEG=PD
//GO EXEC PGM=ANALZE, REGION=124K,TIME=4
//STEPLIB DD DISPESHE, DSN=GIM2. LSAD
//GO.SYSPRINT DD SYSOUT=A
//GO.STUFF OD DSN=&&HITHERE,DISP=(OLD,DELETE,DELETE)
//GO.INST OD DISP=SHP, DSN=GIM2.MACLIB(INST)
//GO. SPECIAL OD DISP=SHR, DSN=GIM2. MACLIB (SPECIAL)
//GU.PASS DO UNIT=(TAPE, DEFER), DSN=GIM2.ANAL, LABEL=(, SL, RETPC=30),
// DISP= [NEW, KEEP], DCB= (RECFM= FB, BLKSIZE= 3600, LRECL= 60)
```

## I LLUSTRATION 1 (CCNT°C) Approved For Release 2001/05/23 : CIA-RDP84-00933R00036 20010-7

```
//ANALRPI JOB
                JOB-CARO-ACCCUNTING-INFORMATION
//**
//** SECOND ANALYSIS PROGRAM-GENERATES REPORTS 1, 2, 3, 3 1/2
// ** REPURT 1: PERCENTAGE USE OF PWS INSTRUCTIONS FOR ENTIRE SYSTEM
//** REPORT 2: SOFIWARE COMPUTER COMPONENT USE BY MODE
//** REPORT 3: REJUTE USAGE IN NUMERICAL ORDER (#/SET BY)
//** REPORT 3 1/2:
                    REJETR USAGE BY MODE (SETS/#)
//**
// *********************************
//GO EXEC PGM=RPTA, REGION=124K, TIME=3
//STEPLIB DO DISP=SHR.DSN=GIMZ.LOAD
//GO.SYSPRI'IT DD SYSDUT=A
//GO.INST DD DISP=SHR.DSN=GIM2.MACLIB(DATTA)
//GT.STUFF DD UNIT=(2400, DEFER) ,DSN=GIM2.ANAL, LABEL=(,SL),
    DISP= (OLD, PASS), DCB=(PECFM=FB, BLK SIZE=3600, LRECL=60),
11
    VOL = SE R = 123456
/#
//GOE EXEC PGM=PPTB, REGION= 124K, TIME= 3
//STEPLIB DD DISP=SHR.DSN=GIM2.LOAD
//GDS.SYSLMOD DD UNIT=SYSDA, SPACE=(1024,(50,20,1),,,ROUND)_
//SYSLIN DD SPACE= (80, (150, 10)), UNIT= SYSDA
//GOP. SORTLIB DD DSNAME=SYSL. SORTLIB, DISP.=SHR
//GDE.SYSUTI DD UN IT=(SYSDA, SEP=(SYSLIN, SORTLIB, SYSLMCD)).
     SPACE = (1024, (60,60))
//GDB.SYSOUT DD. SYSOUT=A
//GOB.SYSPRINT DC SYSOUT=A
//GOB. SORTIN DD UNIT=SYSDA.DSN=8881.DISP= (NEW, DELETE, DELETE),
// DCB=(RECFM=FB,BLKSIZE=1800,LRECL=20),SPACE=(CYL,(60,2))
//GOE.SORT CUT DD UNITESYSDA, DSN= &&SO, DISP=(NEW, DELETE, DELETE);
// DCB=(PECEM=EB,BLKSIZE=1800,LRFCL=20),SPACE=(CYL,(60,2))
//GOB.SORTWKO1 DD UNIT=SYSDA, SPACE= (TRK. (80).RLSE.CONTIG)
//GOR. SORTWKO2 DD UNIT=SYSDA, SPACE= (TRK, (80), RLSE, CONTIG)
// GOR . S DRT WK 03 DD UNIT = SYSDA, SPACE = ( TEK, (80) , PLSE, CONTIG)
//GOB.SORTWKO4 DD UNIT=SYSDA, SPACE= (TRK, (80), RLSE, CONTIG)
//GDB. STRIWKOS DD UNIT=SYSDA, SPACE = (TFK, (80), RLSE, CONTIG)
//GOP.SORTWK06 DD UNIT=SYSDA, SPACE = (TPK, (80), RLSE, CONTIG)
//GDB. TRANS DD DSN=GIM2.AMAL,DISP=(OLD, PASS), UNIT=(2400, DEFER)
//GOC EXEC PGM=RPTC, PEGION= 124K, TIMS= 3
//STEPLIB DO DISP=SHR, DS N=GIM2. LOAD
// GDC .SYSLMOD DD UNIT=SYSDA, SPACE=(1024,(50,20,1),,,ROUND)
//SYSLIN DD SPACE= (80, (150, 10)), UM IT= SYSDA
//GOC.SORTLIP DD DSNAME=SYSL.SORTLIB.CISP=SHR
//GCC.SYSOUT DD SYSOUT=A
//GCC.SYSPRINT DD SYSOUT=A
//GOC.SORTIN DO UNIT=SYSDA, DSN=&&SI, DISP=(NEW, DELETE, DELETE),
// OCB= (RECFM= FB, BLKS IZE= 1800, LRECL= 20), SPACE=(CYL, (60,2))
//GDC. SOPTOUT DD UNIT=SYSDA, DS N=&&S C, PIS P= (NEW, DEL ET E, DEL ETE),
// DCB=(RECFM=FB,PLKSIZE=1800,LRECL=20),SPACE=(CYL,(60,2))
//GCC.SCRTWK01 DD UNIT=SYSDA, SPACE= (TRK, (80), RLSE, CONTIG)
//GOC. SORTWKO2 DD UMIT=SYSDA, SPACE=(TRK, (80), PLSE, CONTIG)
7/GOC. SORTWK03 DD UNIT=SYSDA, SPACE=(TRK, (80), RLSE, CONTIG)
//GCC.SORTWKO4 DO UNIT=SYSD4, SPACE=(TRK, (80), RLSE, CONTIG)
//GDC.SORTWK05_DD_UNIT=SYSDA,SPACE=(TRK, (80), RLSE, CONTIG).
//GDC.SDRTWK06 DD UNIT=SYSDA, SPACE=(TRK, (80), PLSE, CONTIG)
//GCC.TRANS DD CSN=GIM2.ANAL.DISP=(DLD.KEEP).UNIT=(2400..DEFER)
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```

## Approved For Releas 2001/05/23 : CIA-RDP84-00933R0003 120010-7

```
//ANALRPZ JOB JOR-CARD-ACCOUNTING-INFORMATION
//**
//** THIRD ANALYSIS PROGRAM-GENERATES REPORTS 4 THRU &
//** REPORT 4:
               SOFTWARE COMPHIER COMPONENT USE BY COMPONENT
//** PEPORT 5: USE OF PWS INSTRUCTION BY DECK
               USE OF PWS INSTRUCTION BY INSTRUCTION
//** REPORT 6:
//** REPORT 7: EXIT POINTS FROM DECKS (FROM/TC)
//** REPORT 8: ENTRY POINTS TO DECKS M TO/FROM) ...
1/**
//JOBLIB DO DISP=SHR . DSN=GIM2.LOAD
//GO EXEC PGM=RPTD, REGION=124K, TIME=3
// GO .SYSPR INT DD SYSOUT=A
//GO.SYSLIN DD S PACF= (80, (150, 10)), UN IT= SYSDA
//GA.SYSLMCD DD UNIT=SYSDA,SPACE=(1024,(50,20,1),,,RCUND)
//GO.SORTLIB DD DSN=SYS1.SORTLIB,DISP=SHR
//GC.SYSUTI DO UNIT=(SYSDA,SEP=(SYSLIN,SORTLIE,SYSLMOD)),
// SPACE=(1024,(60,60))
//GC.SYSOUT CD SYSOUT=A
//GO. SORTIN OD UNIT=SYSDA, DSN=&&SI, DISP=(NEW, BELETE, DELETE),
     DCB=(RECEM=ES.PLKSTZE=1800,LRECL=20),SPACE=(CYL,(60,2))
//GC.SCRTOUT DO UNIT=SYSOA, DSN= &&SO; DISP=(NEW, DELETE, DELETE),
     DCB=(RECEM=F8.BLKSIZE=1800, LRECL=20), SPACE=(CYL, (60,2))
//GC.SORTWKO1 DD UMIT=SYSDA, SPACE=(TRK, (80), RLSE, CCNTIG)
//GO.SORTWKOZ DD UNIT=SYSDA, SPACE=(TRK, (80), RESE, CONTIG)
//GO. SORTWKO3 DO JUNIT=SYSOA, SPACE=(TRK, (80), RLSE, CENTIG)
//GC.SORTWKO4 DD UNIT=SYSDA, SPACE=(TRK, (80), RLSE, CONTIG)
//GD. SORTWKOS DD UNIT=SYSDA,SPACE=(TRK, (80), RLSE, CONTIG)
//GR .SORTWK96 DD UNITESYSDA, SPACE=(TRK, (80), RLSE, CONTIG)
//GO.TRANS DD.UNIT=(2400,, DEFER), DSN=GIM2.ANAL, LABEL=(,SL),
    DISP=(OLD, PASS), DOB=(RECFM=FB, BLKSIZE=3600, LRECL=60),
11
//
    VCL=SER=123456
/*
//GDE FIXEC PGM=RPTE, REGION=124K, TIME=3
// GDF.SYSPRINT DE SYSPUT=A
//GCE.SYSLMCD DD UNIT=SYSDA, SPACE= (1024, (50, 20, 1),,, ROUND)
//GOE.SYSLIM DD SPACE = (80, (150, 10)), UNIT = SYSDA
//GCE.SORTLIB DD DSNAME=SYS1.SOPTLIB.DISP=SHR
//GOE. SYSUTE DD UNIT=(SYSDA, SEP=(SYSLIN, SOPTLIE, SYSLMOD)),
// SPACE=(1024,(60,60))
//GCT.SYSOUT DD SYSOUT=A
//GDE.SORTIN DO UNIT=SYSDA, DSN=&&SI, DISP=(NEW, DELETE, DELETE),
// DCE= (RECFM= FB, BLKS IZ F= 3600, LRECL=18), SPACE = (CYL, (80,2))
//GCF. SCRTCUT DD UNIT=SYSDA, DS N=&&SO, DISP= (NEW, DEL ET E, DEL ET E).
// DCB=(RECFM=FB,BLKSIZF=3600,LRECL=18),SPACF=(CYL,(80,2))
//GCE.SORTWKO1 DO UNIT-SYSDA, SPACE= (TRK, (90), RLSE, CONTIG)
//GOS.SORTWKO2 DD UNIT=SYSDA,SPACS={TRK, (90), RLSE, CONTIG).
// COE.SORTWKO3 DD UNIT=SYSDA, SPACF=(TRK, (SO), RESE, CONTIG)
7/GOF.SORTWKN4 DO UNIT=SYSDA, SPACE= (TRK, (90), RLSE; CONTIG)
//GOE.SORTWKO5 DD UNIT=SYSDA, SPACE=(TRK, (90), PLSE, CONTIG)
//GOE.SORTWKO6 DD UNIT=SYSDA, SPACE=(TRK, (90), PLSE, CONTIG)
```

## ILLUSTRATION (CONT D) Approved For Release 2001/05/23 : CIA-RDP84-00933R000305120010-7

```
//GOE.TRANS DD UN IT=(2400, DEFER), DSN=GIM2. ANAL, DI SP=(OLD, PASS)
//GDF EXEC PGM=PPTF, RESION=124K, TIME=3
//GOF.SYSPRINT DD SYSDUT=A
//GOF.SYSLMCD DD UNIT=SYSDA, SPACE=(1024, (50, 20, 1), , , ROUND)
//GDF.SYSLIN DD UNIT=SYSDA, SPACE=(80,(150,10))
//GOF.SORTLIB DD DSNAME=SYS1.SORTLIB.DISP=SHR
//GOF.SYSUTI DD UNIT=(SYSDA,SEP=(SYSLIN,SCRTLIB,SYSLMCD)),
          SPACE= (1024, (60, 60))
//GOF.SYSOUT DD SYSOUT=A
//GOF.SORTIN DO UNIT=SYSDA, DSN=&&SI, DISP=(NEW, DELETE, DELETE),
     DCB=(RECEM=_EB, BLKS_IZE=1800, LRECL=18); SPACE=(CYL, (60,2))
//GOF.SORTOUT DD .UNIT=SYSDA.OS N=&&S O, DIS P= { NEW, DEL ET E, DEL ET E }..
     DCB=(RECEM=FR, BLKSIZE=1800, LRECL=18), SPACE=(CYL, (60,2))
//GOF.SORTWKO1 DD UNIT=SYSDA, SPACE= (TRK, (80), RLSE, CONTIG).
//GOE.SORTAKO2 DD UMIT=SYSDA,SPACE=(TRK,(80),RLSE,CONTIG)
//GOF.SORTWK03 DD UMIT=SYSDA, SPACE=(TRK, (80), RESE, CONTIG)
//GOF.SOPTWKO4 OD UNITESYSDA, SPACE= (TRK, (80), RLSE, CONTIG)
//GDF.SDRTWK05 DD UNIT=SYSDA, SPACE=(TRK, (80), RLSE, CONTIG)
//GOF.SORTWKO6 DD UNITESYSDA, SPACE=(TRK, (80), PLSE, CONTIG)
//GDF. TRANS CO UNIT=(2400, DEFER), DS N=GIM2. ANAL, DISP=(OLD, KEEP)
```